

Water Quality Characteristics by Water Quality Zone

June 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	121	121	82.0	63	179	2	68%
	2	105	106	6.3	92	111	9	6%
	3	129	101	49.1	90	219	11	38%
	4	89	89	7.7	78	99	9	9%
	5	98	98	7.5	85	114	15	8%
	6	99	95	18.0	73	135	10	18%
	7	107	108	5.3	96	113	11	5%
	8	150	129	68.5	96	246	4	46%
	9	110	86	43.1	75	189	12	39%
	10	76	76	0.8	75	77	4	1%
	System Wide	106	99	32.7	63	246	87	31%
TDS ppm	1	372	399	110.3	172	517	10	30%
	2	262	269	14.1	232	277	27	5%
	3	317	273	98.5	193	510	34	31%
	4	222	215	25.1	181	282	25	11%
	5	239	237	20.5	186	293	36	9%
	6	232	236	18.9	184	288	28	8%
	7	223	223	23.1	181	301	29	10%
	8	312	287	61.4	244	449	21	20%
	9	289	307	64.3	217	408	23	22%
	10	220	219	2.3	217	225	13	1%
	System Wide	263	241	66.9	172	517	246	25%
Sodium ppm	1	44	44	10.6	36	51	2	24%
	2	43	43	1.0	41	44	9	2%
	3	51	46	15.7	34	89	11	31%
	4	37	40	8.7	27	49	9	24%
	5	37	38	3.6	31	42	15	10%
	6	34	37	6.3	25	41	10	19%
	7	27	26	2.0	24	30	11	8%
	8	41	41	1.3	39	42	4	3%
	9	43	42	3.9	40	52	12	9%
	10	41	41	1.0	40	42	4	2%
	System Wide	39	40	9.6	24	89	87	24%

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<i>pH units</i>	1	7.5	7.4	0.27	7.2	8.0	10	4%
	2	7.9	7.9	0.05	7.8	8.0	27	1%
	3	7.8	7.8	0.15	7.4	8.3	34	2%
	4	7.9	7.8	0.13	7.7	8.3	25	2%
	5	7.5	7.7	0.38	6.9	8.1	36	5%
	6	7.5	7.6	0.30	6.9	8.0	28	4%
	7	7.7	7.7	0.12	7.3	7.8	29	2%
	8	7.8	7.9	0.27	7.3	8.2	21	3%
	9	8.0	7.9	0.26	7.5	8.3	23	3%
	10	8.1	8.1	0.15	7.8	8.3	13	2%
	System Wide	7.7	7.8	0.29	6.9	8.3	246	4%
<i>Chlorine ppm</i>	1	0.8	0.8	0.22	0.4	1.2	10	28%
	2	0.9	1.0	0.10	0.7	1.1	27	11%
	3	0.8	0.8	0.15	0.6	1.1	34	18%
	4	0.8	0.8	0.22	0.3	1.1	25	29%
	5	0.8	0.8	0.15	0.4	1.1	36	19%
	6	0.8	0.8	0.09	0.6	1.0	28	10%
	7	0.8	0.8	0.08	0.6	0.9	29	11%
	8	0.8	0.8	0.13	0.5	1.2	21	17%
	9	0.7	0.7	0.22	0.3	1.1	23	32%
	10	0.6	0.6	0.26	0.3	1.0	13	41%
	System Wide	0.8	0.8	0.17	0.3	1.2	246	22%
<i>Temperature deg C</i>	1	28.4	27.5	2.74	25.2	33.3	10	10%
	2	30.7	30.6	0.78	28.9	32.4	27	3%
	3	29.8	29.9	1.93	25.0	35.1	34	6%
	4	30.7	30.8	1.65	27.1	33.1	25	5%
	5	28.8	29.1	2.72	23.9	33.6	36	9%
	6	28.2	28.4	2.04	21.6	31.7	28	7%
	7	29.2	29.4	1.05	27.0	32.0	29	4%
	8	30.4	31.1	2.07	26.6	34.4	21	7%
	9	31.3	31.7	1.94	27.1	36.2	23	6%
	10	31.9	32.0	0.70	30.3	33.0	13	2%
	System Wide	29.8	30.1	2.16	21.6	36.2	246	7%